WEST

Help | Logout | Interrupt

Main Menu | Search Form | Posting Counts | Show S Numbers | Edit S Numbers | Preferences | Cases

Search Results -

Terms	Documents
l21 and (estimate or calculate or rank)and coverage	3

Database: US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

Refine Search

Recall Text | Clear

Search History

DATE: Wednesday, May 07, 2003 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L24	l21 and (estimate or calculate or rank)and coverage	3	L24
L23	l21 and (estimate or calculate)and coverage	1	L23
DB=USPT; PLUR=YES; OP=OR			
L22	5706497.pn.	1	L22
DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L21	(multiple or multi-party or multiparty) near search near engines!	85	L21
L20	l12 and L19	8	L20
L19	L18 and meta same information	28	L19
L18	(meta adj search adj engines or multiple near party near search near engine)	57	L18
L17	meta adj search adj engines	57	L17
L16	(((709/245)!.CCLS.))	816	L16
L15	(((709/227)!.CCLS.))	1447	L15
L14	(((709/224)!.CCLS.))	2094	L14
L13	(((709/218)!.CCLS.))	1039	L13
L12	(((709/$)!.CCLS.))	24968	L12
L11	(((345/968)!.CCLS.))	122	L11
L10	(((345/866)!.CCLS.))	303	L10
L9	(((345/$)!.CCLS.))	57507	L9
L8	(((707/$)!.CCLS.))	15374	L8
L7	(((707/10)!.CCLS.))	2897	L7
L6	(((707/7)!.CCLS.))	617	L6
L5	(((707/6)!.CCLS.))	927	L5
L4	(((707/4)!.CCLS.))	1247	L4
L3	(((707/2)!.CCLS.))	1365	L3
L2	(((707/5)!.CCLS.))	1112	L2
L1	((707/3)!.CCLS.)	2691	L1

END OF SEARCH HISTORY

WEST

Generate Collection | Print

L21: Entry 75 of 85 File: USPT Jan 26, 1999

US-PAT-NO: 5864845
DOCUMENT-IDENTIFIER: US 5864845 A

TITLE: Facilitating world wide web searches utilizing a multiple search engine query clustering fusion strategy

DATE-ISSUED: January 26, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Voorhees; Ellen M.	North Potomac	MD		
Gupta; Narendra K.	Dayton	NJ		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Siemens Corporate Research, Inc.	Princeton	NJ			02

APPL-NO: 08/ 674644 [PALM]
DATE FILED: June 28, 1996

INT-CL: [06] G06 F 17/30

US-CL-ISSUED: 707/5; 707/1, 707/2, 707/3, 707/4
US-CL-CURRENT: 707/5; 707/1, 707/2, 707/3, 707/4

FIELD-OF-SEARCH: 707/3, 707/4, 707/2, 707/5, 707/1

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected | Search ALL

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐	5325298	June 1994	Gallant	704/9
☐	5442778	August 1995	Pedersen et al.	707/5
☐	5706497	January 1998	Takahashi et al.	707/5

OTHER PUBLICATIONS

Bartell et al., "Automatic Combination of Multiple Ranked Retrieval Systems", Proceedings of SIGIR '94, Jul. 1994, pp. 173-181.
Belkin et al., "The Effect of Multiple Query Representations on Information System Performance", Proceedings of SIGIR '93, Jun. 1993, pp. 339-346.
Fox et al., "Combination of Multiple Searches", Proceedings of TREC-3, Apr. 1995, pp. 105-108.
Steinberg, "Seek and Ye Shall Find (Maybe)", Wired, vol. 4, #5, May 1996, pp. 1-18.
QuarterDeck, URL: http://arachnid.qdeck.com/qdeck/products/webcompass.
Towell et al., "Learning Collection Fusion Strategies for Information Retrieval", Proceedings of the 12th Annual Machine Learning Conference, Jul. 1995, pp. 540-548.

Voorhees et al., "The Collection Fusion Problem", Proceedings of TREC-3, NIST Special Publication 500-225, Apr. 1995, pp. 95-104.
Voorhees et al., "Learning Collection Fusion Strategies", Proceedings of SIGIR '95, Jul. 1995, pp. 172-179.

ART-UNIT: 271

PRIMARY-EXAMINER: Lintz; Paul R.

ATTY-AGENT-FIRM: Ahmed; Adel A.

ABSTRACT:

A method implemented on a computer for facilitating World Wide Web Searches and like database searches by combining search result documents, as provided by separate search engines in response to a query, into one single integrated list so as to produce a single document with a ranked list of pages, includes the steps of: (a) training the computer for each search engine by clustering training queries and building cluster centroids; (b) Assign weights to each cluster reflecting the number of relevant pages expected to be obtained by this search engine for queries similar to those in that cluster; (c) processing an incoming query by selecting, for each search engine, that cluster centroid that is most similar to the incoming query and returning the weight associated with the selected cluster as the weight of the current search engine; and (d) apportioning the N slots in the retrieved set according to the weights returned by each search engine.

15 Claims, 2 Drawing figures

WEST

End of Result Set

☐ Generate Collection Print

L21: Entry 85 of 85 File: DWPI May 18, 1999

DERWENT-ACC-NO: 1999-346644
DERWENT-WEEK: 199929

TITLE: Web site registration method with multiple search engines in internet

INVENTOR: HOEKSTRA, M

PATENT-ASSIGNEE: INTEL CORP (ITLC)

PRIORITY-DATA: 1996US-0707667 (September 4, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 5905862 A	May 18, 1999		013	G06F017/30

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
US 5905862A	September 4, 1996	1996US-0707667	

INT-CL (IPC): G06 F 17/30

ABSTRACTED-PUB-NO: US 5905862A
BASIC-ABSTRACT:

NOVELTY - Map data and web site description corresponding to data fields of a search engine (210) is stored in database (222) in HTML form. The method of registration of web site to each engine is also stored in database. By transmitting the registration method data and by mapping the web site data to search engine the web site is registered.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a web site registration apparatus for registering web site with several search engines.

USE - For world wide web.

ADVANTAGE - The problem of difficulty in registering web site with a strangely formatted registration page of search engine is overcome by performing automatic registration of web sites with search engines.

DESCRIPTION OF DRAWING(S) - The figure shows components in a networked computer system.

Search engines 210,240

Database 222

ABSTRACTED-PUB-NO: US 5905862A
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.2/5

DERWENT-CLASS: T01 W01

EPI-CODES: T01-H07C5E; T01-J05B; T01-J05B3; T01-J05B4P; T01-J11C1; W01-A06B7;

WEST

Generate Collection | Print

L24: Entry 2 of 3 File: USPT Jan 26, 1999

US-PAT-NO: 5864846
DOCUMENT-IDENTIFIER: US 5864846 A

TITLE: Method for facilitating world wide web searches utilizing a document distribution fusion strategy

DATE-ISSUED: January 26, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Voorhees; Ellen M.	North Potomac	MD		
Gupta; Narendra K.	Dayton	NJ		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Siemens Corporate Research, Inc.	Princeton	NJ			02

APPL-NO: 08/ 674646 [PALM]
DATE FILED: June 28, 1996

INT-CL: [06] G06 F 17/30

US-CL-ISSUED: 707/5; 707/2, 707/3, 707/4
US-CL-CURRENT: 707/5; 707/2, 707/3, 707/4

FIELD-OF-SEARCH: 707/3, 707/5, 707/2, 707/4

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected | Search ALL

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐	4823306	April 1989	Barbic et al.	707/6
☐	5404514	April 1995	Kageneck et al.	707/5
☐	5442778	August 1995	Pedersen et al.	707/5
☐	5576954	November 1996	Driscoll	707/3
☐	5642502	June 1997	Driscoll	707/5
☐	5659732	August 1997	Kirsch	707/5
☐	5675819	October 1997	Schuetze	1/1
☐	5706497	January 1998	Takahashi et al.	707/5

OTHER PUBLICATIONS

Bartell et al., "Automatic Combination of Multiple Ranked Retrieval Systems", Proceedings of SIGIR '94, Jul. 1994, pp. 173-181.

Belkin et al., "The Effect of Multiple Query Representations on Information System Performance", Proceedings of SIGIR '93, Jun. 1993, pp. 339-346.
Fox et al., "Combination of Multiple Searches", Proceedings of TREC-3, Apr. 1995, pp. 105-108.
Steinberg, "Seek and Ye Shall Find (Maybe)" Wired, vol. 4, #5, May 1996, pp. 1-18.
QuarterDeck, URL: http://arachnid.qdeck.com/qdeck/products/webcompass.
Towell et al., "Learning Collection Fusion Strategies for Information Retrieval", Proceedings of the 12th Annual Machine Learning Conference, Jul. 1995, pp. 540-548.
Voorhees et al., "The Collection Fusion Problem", Proceedings of TREC-3, NIST Special Publication 500-225, Apr. 1995, pp. 95-104.
Voorhees et al., "Learning Collection Fusion Strategies", Proceedings of SIGIR '95, Jul. 1995, pp. 172-179.

ART-UNIT: 271

PRIMARY-EXAMINER: Lintz; Paul R.

ATTY-AGENT-FIRM: Ahmed; Adel A.

ABSTRACT:

A computer-implemented method for facilitating World Wide Web Searches and like database searches by combining search result documents, as provided by separate search engines in response to a query, into one single integrated list so as to produce a single document with a ranked list of pages, by forming a set of selected queries, the queries including respective terms, for which selected queries relevance data from past data is known, herein referred to as training queries, in a vector space comprising all training queries, the relevance data comprising judgments by a user as to whether a page is appropriate for a query which retrieved it. Further steps in the method are identifying a set of k most similar training queries to current query q, computing an average relevant document distribution of the k queries within the training queries' search results for each of the search engines, using the computed relevant document distributions, finding an optimal number of pages to select from the result set of each search engine when N total pages are to be retrieved, and creating a final retrieved set by forming the union of the top .lambda..sub.s pages from each search engine.

15 Claims, 2 Drawing figures

WEST

End of Result Set

☐ Generate Collection Print

L24: Entry 3 of 3 File: USPT Jan 26, 1999

US-PAT-NO: 5864845
DOCUMENT-IDENTIFIER: US 5864845 A

TITLE: Facilitating world wide web searches utilizing a multiple search engine query clustering fusion strategy

DATE-ISSUED: January 26, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Voorhees; Ellen M.	North Potomac	MD		
Gupta; Narendra K.	Dayton	NJ		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Siemens Corporate Research, Inc.	Princeton	NJ			02

APPL-NO: 08/ 674644 [PALM]
DATE FILED: June 28, 1996

INT-CL: [06] G06 F 17/30

US-CL-ISSUED: 707/5; 707/1, 707/2, 707/3, 707/4
US-CL-CURRENT: 707/5; 707/1, 707/2, 707/3, 707/4

FIELD-OF-SEARCH: 707/3, 707/4, 707/2, 707/5, 707/1

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected Search ALL

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
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Belkin et al., "The Effect of Multiple Query Representations on Information System Performance", Proceedings of SIGIR '93, Jun. 1993, pp. 339-346.
Fox et al., "Combination of Multiple Searches", Proceedings of TREC-3, Apr. 1995, pp. 105-108.
Steinberg, "Seek and Ye Shall Find (Maybe)", Wired, vol. 4, #5, May 1996, pp. 1-18.
QuarterDeck, URL: http://arachnid.qdeck.com/qdeck/products/webcompass.
Towell et al., "Learning Collection Fusion Strategies for Information Retrieval",

Proceedings of the 12th Annual Machine Learning Conference, Jul. 1995, pp. 540-548.
Voorhees et al., "The Collection Fusion Problem", Proceedings of TREC-3, NIST Special Publication 500-225, Apr. 1995, pp. 95-104.
Voorhees et al., "Learning Collection Fusion Strategies", Proceedings of SIGIR '95, Jul. 1995, pp. 172-179.

ART-UNIT: 271

PRIMARY-EXAMINER: Lintz; Paul R.

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15 Claims, 2 Drawing figures